

DATE: 2024-09-18

REF TEK 147A-01/3/INT/SM2 Accelerometer

S/N: R3863

P/N: R-180-S002

DAS: 3409D

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0006	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9982	0.9991	0.9990
30.00	0.9960	0.9978	0.9976
40.00	0.9942	0.9962	0.9959
50.00	0.9927	0.9949	0.9943
60.00	0.9921	0.9939	0.9930
70.00	0.9925	0.9938	0.9924
80.00	0.9937	0.9949	0.9931
90.00	0.9967	0.9975	0.9951
100.00	1.0010	1.0018	0.9991
120.00	1.0173	1.0170	1.0142
140.00	1.0424	1.0430	1.0407
160.00	1.0715	1.0742	1.0710

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.250
Cross-axis Coupling (g/g)	0.16%	0.64%	0.08%

* g = 9.80 m/s²

Rev K (2024-01)